

It is suggested that this insect, not described until 1960 and known from only 57 specimens in northern and central California in 1963 (Foote and Blanc 1963, map 98), has remained relatively unknown because of the secretive habits of the adults. It is now known to attack 5 native, 1 weedy, 1 crop, and 2 ornamental plants in California.

References Cited

- Foote, R.H. 1960. The genus *Trypeta* Meigen in America north of Mexico. *Ann. Entomol. Soc. Amer.* 53 (2): 253-60.
- Foote, R.H., and F.L. Blanc. 1963. The fruit flies or Tephritidae of California. *Calif. Ins. Surv. Bull.* 7, 117 p.
- Frick, K.E., and R.B. Hawkes. 1970. Additional insects that feed upon tansy ragwort, *Senecio jacobaea*, an introduced weedy plant, in western United States. *Ann. Entomol. Soc. Amer.* 63 (4): 1085-90.
- Frost, S.W. 1924. A study of the leaf-mining Diptera of North America. *Mem. Cornell Univ. Agric. Exp. Sta. No. 78*, 288 p.
- Seguy, E. 1934. Diptères (Brachycères) (Muscidae Acalypterae et Scatophagidae). *In Faune de France* 28, 823 p.

Lectotype Designations for Certain Species of *Thysanoptera* Described by J.D. Hood

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ABSTRACT

Lectotypes are designated for 17 species of Thysanoptera described by J.D. Hood in the California Academy of Sciences collection. The families Heterothripidae, Thripidae, and Phlaeothripidae are represented.

The purpose of this paper is to designate lectotypes for 17 species of Thysanoptera described by J.D. Hood that are represented in the California Academy of Sciences collection by specimens of the type-series. Arnaud and Lee are preparing for publication a list of Thysanoptera types contained in the Academy collection and wish to clarify the status of these specimens. Hood omitted holotype designations from some of his papers, and in others he stated only in the introductions—not in the descriptions—that the types or holotypes were in his

collection. However, for each species he described, he labelled a specimen as "holotype." In order to preserve the status that Hood intended his specimens and species to have, we are selecting as lectotypes those "holotypes," which agree with the original descriptions. Lectotypes designated in this paper and most paralectotypes of their species are in the U.S. National Museum of Natural History, Washington, D.C., and each species is represented in the California Academy of Sciences collection by one or more paralectotypes.

HETEROTHRIPIDAE

Fauriella natalensis Hood

1937, Ann. Mag. Natur. Hist., ser. 10, vol. 19, no. 109, pp. 98-101, fig. 1a-b.

Lectotype: Female, U.S.N.M. No. 71232; Republic of South Africa, Natal, Ndumu, 22 September 1922, in flowers of *Rhus*-like tree, J.C. Faure no. T. 50.

Opisthothrips elytopappi Hood

1937, Ann. Mag. Natur. Hist., ser. 10, vol. 19, no. 109, pp. 102-105, fig. 2a-b.

Lectotype: Female, U.S.N.M. No. 71233; Republic of South Africa, Cape Province, Grahamstown, 21 April 1927, on *Elytropappus rhinocerotis*, J. C. Faure No. T. 48.

THRIPIDAE

Arpediothrips mojave Hood

1927, Proc. Biol. Soc. Wash., vol. 40, p. 198.

Lectotype: Female, U.S.N.M. No. 71234; California, Mojave Desert, 14 August 1927, at base of leaves of Joshua tree or tree yucca (*Yucca brevifolia* Engelm.), J.D. Hood No. 804.

Coremothrips pallidus Hood

1925, Psyche, vol. 32, no. 1, p. 52.

Lectotype: Female, U.S.N.M. No. 71235; Trinidad, Evasdale, near Sangre Grande, 11 October 1916, Cocoa, C.B. Williams No. 874.

Frankliniella parvula Hood

1925, Psyche, vol. 32, no. 1, p. 49.

Lectotype: Female, U.S.N.M. No. 71236; Trinidad, Mareval Valley, 27 March 1915, flowers of rose, C.B. Williams No. 608.

Psilothrips pardalotus Hood

1927, Proc. Biol. Soc. Wash., vol. 40, p. 198.

Lectotype: Female, U.S.N.M. No. 71237; California, Thermal, elevation -100 feet, 18 August 1927, shaken from *Atriplex polycarpa* Watson, J.D. Hood No. 832.

PHLAEOTHRIPIDAE

Eupathithrips spectator Hood

1934, Proc. Biol. Soc. Wash., vol. 47, pp. 73-76.

Lectotype: Female, U.S.N.M. No. 71238; Panama, Barro Colorado Island, 25 June 1933, on ripe fruit of Corozo Palm, J.D. Hood No. 947.

Liothrips xanthocerus Hood

1927, Proc. Biol. Soc. Wash., Vol. 40, p. 203.

Lectotype: Female, U.S.N.M. No. 71239; Arizona, Maricopa County, Gillespie Dam, 26 August 1927, among terminal leaves of *Tessaria sericea* (Nutt.) T. & G. (det. by Paul C. Standley), J.D. Hood No. 888.

Macrophthalthrips helenae Hood

1934, Proc. Biol. Soc. Wash., vol. 47, pp. 79-81.

Lectotype: Female, U.S.N.M. No. 71240; Panama, Barro Colorado Island, 29 July 1933, dead branches, J.D. Hood No. 1019.

Phyllothrips umbripennis Hood

1909, Entomol. News, vol. 20, no. 1, pp. 30-31.

Lectotype: Female, U.S.N.M. No. 71241; Illinois, Carbondale, 12 October 1908, jarred from post oak, L.M. Smith.

Priesneriella citricauda Hood

1927, Proc. Biol. Soc. Wash., vol. 40, p. 199.

Lectotype: Female, U.S.N.M. No. 71242; California, Palo Alto, beating dead branches of *Salix* sp., 4 August 1927, J.D. Hood No. 744.

Sedulothrips tristis Hood

1934, J. N. Y. Entomol. Soc. (1933), vol. 41, no. 4, p. 434.

Lectotype: Female, U.S.N.M. No. 71243; Panama, Barro Colorado Island, 4 July 1933, dead leaves and branches of pomarosa (*Eugenia jambos* L.), J.D. Hood No. 971.

Strepterothrips conradi Hood

1934, J. N. Y. Entomol. Soc. (1933), vol. 41, no. 4, pp. 431-434.

Lectotype: Female U.S.N.M. No. 71244; Panama, Barro Colorado Island, 29 July 1933, dead branches, J.D. Hood and James Zetek, Hood No. 1018.

Trachythrips deleoni Hood

1933, Proc. Biol. Soc. Wash., Vol. 46, pp. 213-214.

Lectotype: Female, U.S.N.M. No. 71245; Panama, Porto Bello, 9 July 1933, dead vegetation, J.D. Hood No. 987.

Trachythrips frontalis Hood

1933, Proc. Biol. Soc. Wash., vol. 46, pp. 214-215.

Lectotype: Female, U.S.N.M. No. 71246;

Panama, Canal Zone, Frijoles, 7 July 1933, dead vine and bush, J.D. Hood No. 981.

Trichothrips anomocerus Hood

1912, Can. Entomol., vol. 44, no. 5, pp. 137, 139, pl. 6 (figs. 1-4).

Lectotype: Female, U.S.N.M. No. 71247; Maryland, Plummer's Island, 18 February 1912, under sycamore bark, W.L. McAtee.

Trichothrips mediamericanus Hood

1934, J. N. Y. Entomol. Soc. (1933), vol. 41, no. 4, pp. 412-413.

Lectotype: Female, U.S.N.M. No. 71248; Panama, Porto Bello, 11 July 1933, dead branches of cacao, J.D. Hood No. 990.

The Genus Trigonosoma Gray (=Tropidogastrella Hendel) (Diptera: Platystomidae)

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ABSTRACT

The genus *Trigonosoma* Gray is reviewed, its nomenclature is discussed, and a key to the known species of the world is presented. *Trigonosoma indicum* from Bombay, India, is described as a new species.

Specimens of *Trigonosoma decorum* (Meijere) are recorded as apparently feeding at human wounds in South Vietnam. *T. indicum*, new species (Bombay, India) is described and a new key to the species of *Trigonosoma* Gray (= *Tropidogastrella* Hendel) is given.

Genus *Trigonosoma* Gray

Trigonosoma Gray, 1832: 774. Type by monotypy, *T. perilampiforme* Gray (as *perilampiformis*).

Tropidogastrella Hendel, 1914a: 11; 1914b: 18, 134. Type by original designation, *T. tropida* Hendel.